

## **FACILITY PERMIT TO OPERATE**

**SO CAL EDISON CO  
13568B MILLIKEN AVE  
ONTARIO, CA 91761**

### **NOTICE**

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.  
EXECUTIVE OFFICER

By \_\_\_\_\_  
Carol Coy  
Deputy Executive Officer  
Engineering & Compliance

## FACILITY PERMIT TO OPERATE SO CAL EDISON CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 1 : POWER GENERATION</b>					
<b>System 2 : EMERGENCY IC ENGINE</b>					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, DETROIT DIESEL, MODEL 8063-7305 (6V-92T), TURBOCHARGED, 230 KW, 370 BHP A/N:	D7				C1.5, C177.1, D12.6, E193.3, K67.3
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL QST30-G5, TURBOCHARGED AND AFTERCOOLED, 1000 KW A/N:	D8				C1.6, D12.6, E193.3, K67.4
<b>Process 2 : MISCELLANEOUS SYSTEMS</b>					
<b>System 1 : GASOLINE FUELING</b>					
STORAGE TANK, FIXED ROOF, SUBMERGED FILL TUBE, WITH A P/V RELIEF VALVE, CONCRETE INSULATION, ABOVEGROUND, 8000 GALS; WIDTH: 7 FT 11 IN; HEIGHT: 7 FT 1 IN; LENGTH: 20 FT 11 IN WITH A/N: 434035  COMPARTMENT, GASOLINE, EQUIPPED WITH PHASE I, 4000 GALS  COMPARTMENT, DIESEL FUEL, NO PHASE I, 4000 GALS	D10				D330.1, H23.1, J109.1, J110.1, J373.1

\* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate  
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(5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
(7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)  
(9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

\*\* Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

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<b>Process 2 : MISCELLANEOUS SYSTEMS</b>					
FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL A/N: 434035	D13				
<b>System 2 : RULE 219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULES</b>					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS 301867	E14			<b>VOC:</b> (9) [RULE 1113,11-8-1996;RULE 1113,6-9-2006;RULE 1171,11-7-2003;RULE 1171,7-14-2006]	K67.5
RULE 219 EXEMPT EQUIPMENT, EXEMPT HAND WIPING OPERATIONS 301867	E15			<b>VOC:</b> (9) [RULE 1171,11-7-2003;RULE 1171,7-14-2006]	K67.5
RULE 219 EXEMPT EQUIPMENT, REFRIGERATION UNITS 301867	E16				H23.2, K67.5

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## **FACILITY PERMIT TO OPERATE SO CAL EDISON CO**

### **SECTION D: DEVICE ID INDEX**

**The following sub-section provides an index  
to the devices that make up the facility  
description sorted by device ID.**

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**SECTION D: DEVICE ID INDEX**

<b>Device Index For Section D</b>			
<b>Device ID</b>	<b>Section D Page No.</b>	<b>Process</b>	<b>System</b>
D7	1	1	2
D8	1	1	2
D10	1	2	1
D13	2	2	1
E14	2	2	2
E15	2	2	2
E16	2	2	2

## FACILITY PERMIT TO OPERATE SO CAL EDISON CO

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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<b>Process 1 : POWER GENERATION</b>					
<b>System 1 : GAS TURBINE</b>					
GAS TURBINE, UNIT #1, NATURAL GAS, GENERAL ELECTRIC, MODEL LM6000PC SPRINT, SIMPLE CYCLE WITH WATER INJECTION, 429 MMBTU/HR AT 102 DEG F WITH A/N:	D1	C3 C4 B5		<p><b>CO:</b> 2000 PPMV (5) [RULE 407,4-2-1982] ; <b>CO:</b> 6 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002]</p> <p><b>NOX:</b> 25 PPMV NATURAL GAS (8A) [40CFR 60 Subpart KKKK,7-6-2006] ; <b>NOX:</b> 2.5 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT,5-10-1996</p> <p><i>RULE 1303(a)(1)-BACT,12-6-2002]</i> ; <b>PM:</b> 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; <b>PM:</b> 11 LBS/HR (5A) [RULE 409,8-7-1981]</p> <p><b>PM:</b> 0.01 GRAINS/SCF (5B) [RULE 475,10-8-1976;RULE 475,8-7-1978] ; <b>SO2:</b> (9) [40CFR 72 - Acid Rain Provisions,11-24-1997]</p> <p><b>SOX:</b> 0.06 LBS/MMBTU (8) [40CFR 60 Subpart KKKK,7-6-2006] ; <b>VOC:</b> 2 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002]</p>	A63.1, A63.2, A63.3, A63.4, A99.1, A99.2, A195.1, A195.2, A195.3, A195.5, A327.1, C1.1, C1.2, C1.3, D12.1, D29.1, D29.2, D29.3, D82.1, E193.1, K40.1, K67.1

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<b>Process 1 : POWER GENERATION</b>					
GENERATOR, 45 MW					
CO OXIDATION CATALYST, BASF, 80 CUBIC FEET OF TOTAL CATALYST VOLUME A/N: 462005 Permit to Construct Issued: 04/03/07	C3	D1			
SELECTIVE CATALYTIC REDUCTION, MODEL CMHT-21, CORMETECH , 547 CU.FT.; WIDTH: 18 FT; HEIGHT: 25 FT 9 IN; LENGTH: 2 FT 6 IN A/N: 462005 Permit to Construct Issued: 04/03/07	C4	D1		<b>NH3: 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002]</b>	A195.4, D12.2, D12.3, D12.4, E179.1, E179.2, E193.1
STACK, FOR TURBINE #1, HEIGHT: 80 FT; DIAMETER: 13 FT A/N: 462003 Permit to Construct Issued: 04/03/07	B5	D1			
<b>System 2 : EMERGENCY IC ENGINE</b>					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, LEAN BURN, NATURAL GAS, WAUKESHA, MODEL VGF36 GL/GLD, 865 HP WITH A/N: 462004 Permit to Construct Issued: 04/03/07	D6			<b>CO: 185.7 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002] ; NOX: 82.2 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT,5-10-1996 RULE 1303(a)(1)-BACT,12-6-2002] ; VOC: 84.2 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002]</b>	C1.4, D12.5, E162.1, E193.1, E193.2, K67.2

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<b>Process 1 : POWER GENERATION</b>					
GENERATOR, 645 KW					
<b>System 3 : INORGANIC CHEMICAL STORAGE</b>					
STORAGE TANK, TK-1, AQUEOUS AMMONIA, HORIZONTAL, 10500 GALS A/N: 462001 Permit to Construct Issued: 04/03/07	D9				C157.1, E144.1, E193.1

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C3	2	1	1
C4	2	1	1
B5	2	1	1
D6	2	1	2
D9	3	1	3